

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1 – 22. (Canceled)

23. (Original) A method of inhibiting the proliferation of a cell, the method comprising introducing into the cell a polypeptide comprising a translated 5' T-box sequence of TBX5 capable of binding to the major groove of target DNA.

24. (Original) The method according to claim 23, wherein the polypeptide is introduced into the cell by contacting the cell with the polypeptide.

25. (Original) The method according to claim 23, wherein the polypeptide is introduced into the cell by expressing in the cell a nucleic acid molecule that encodes the polypeptide.

26. (Original) The method according to claim 23, wherein the 5' T-box sequence is a human 5' T-box sequence.

27. (Original) The method according to claim 23, wherein the polypeptide lacks a translated 3' T-box sequence of TBX5 capable of binding to the minor groove of target DNA.

28. (Original) The method according to claim 23, wherein the cell is a malignant cell.

29. (Original) The method according to claim 28, wherein the malignant cell is a carcinoma, osteocarcinoma, sarcoma, osteosarcoma, glioma, melanoma, myxoma, adenoma, or rhabdomyoma-derived cell.

30. (Canceled)

- 31. (Original) The method according to claim 23, wherein the cell is a metastasized cell.
- 32. (Canceled)
- 33. (Original) The method according to claim 23, wherein the proliferation is inhibited *in vivo*.
- 34. (Original) The method according to claim 23, wherein the cell is a post-embryonic cell.
- 35 – 69. (Canceled)